

CLAIMS:

1. A light-transmitting substrate which is at least partly provided with a light-absorbing coating, said light-absorbing coating comprising stabilized pigments which are incorporated in a sol-gel matrix, characterized in that the coating at least comprises an organic pigment and that an aminosilane is present in order to stabilize the pigments.

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2. A light-transmitting substrate as claimed in claim 1, characterized in that x-alkyl-aminopropyltrialkoxysilane is used as a stabilizer, where the alkyl group can be a methyl-, ethyl- or phenylgroup, and where the alkoxygroup can be a methoxygroup or an ethoxygroup.

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3. A light-transmitting substrate as claimed in claim 1, characterized in that the coating comprises both an organic and an inorganic pigment.

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4. A light-transmitting substrate as claimed in claim 1-3, characterized in that aluminum oxide is added to the coating during preparation thereof.

5. An electric lamp comprising a light-transmitting lamp vessel that accommodates a light source, said lamp vessel comprising a light-transmitting substrate according to one or more of claims 1-4.

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6. Light absorbing coating according to one or more of claims 1-6.

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7. Lamp vessel provided with a light-absorbing coating, the light-absorbing coating comprising stabilized pigments which are incorporated in a sol-gel matrix, characterized in the coating at least comprises an organic pigment and that an aminosilane is present in order to stabilize the pigments according to any one of claims 1-8.